

SYSTEMS AND METHODS FOR CALIBRATING  
COIL SENSITIVITY PROFILES

ABSTRACT OF THE DISCLOSURE

A method for calibrating coil sensitivity profiles is described. The method includes generating reference sensitivity maps for each coil, imaging a subject, interleaving, with the imaging of the subject, imaging of at least one fiducial mark provided with each coil, and deriving, based on the coil positioning and coil loading, actual sensitivity maps from the reference sensitivity maps.